

CURVECOAT™

THERMOSET POWDER COATINGS

Introducing CURVECOAT™, the Protech Group's line of cutting-edge powder coatings formulated for metal parts that need to be bent or reshaped post-application. CURVECOAT™ won't crack or split when bent. This characteristic allows for the suspension of larger unshaped components, making coating application more efficient and saving on transport and packaging costs.

CURVECOAT™ powders stand out with exceptional durability and excellent adhesion, making them the perfect solution for metal components that require reshaping after being coated.



PROTECH
— GROUP —

OVERVIEW

How does it **work**?

CURVECOAT™ is formulated to combine durability and flexibility. It is the ideal solution for substrates that must be reshaped after being painted,

dramatically reducing material handling issues in the manufacturing process.

Main Features

- Excellent overall durability.
- Allows post-bending with without cracking or chipping
- Significantly minimizes material handling challenges.
- Flexible application for indoor or outdoor use.
- Lowers transport and packaging costs
- Excellent durability and chemical resistance
- available in a wide range of colors and textures

TYPICAL APPLICATIONS

Commercial & industrial

- Office supplies
- Store fixtures
- Tools & hardware
- Furniture

Transportation

- Interior components
- Trims & roof rails
- Suspension & springs

COLOR OPTIONS

Stock colors

Select one of the many stock colors that are readily available for processing.

Color reference chart

Get inspired from a broad range of standard colors. Request a RAL fan deck or ask one of our experts.

Custom formulations

Talk to your coating expert regarding custom formulations to fit your exact needs.

Compliance

CURVECOAT™ can be formulated to be compliant with certain guidelines. Ask our experts to see what different types of compliance, certification, or accreditation is available in your area.

Care & maintenance

To ensure the life of your asset is maximised, a simple and regular maintenance program should be implemented.

Contact our experts for specific tips and advice of cleaning.

Troubleshooting

We stand by our products, even when things don't go quite as planned. From cleaning and phosphating all the way to the final cured film appearance, we are here to help address your issues with proven solutions.

Contact our experts for tailored support.

PROVEN PERFORMANCE

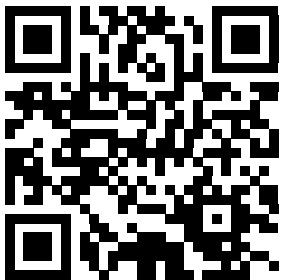
PRE-TREATMENT	For steel and Aluminum-Phosphating or Zirconium or other suitable surface treatment
APPLICATION CONDITIONS	Electrostatic powder spray 40 to 120 kv
FILM THICKNESS	For normal usage 1.5 to 4.0 mils (Color and finish type related)
HARDNESS	HB to 4H (Formulation related)
SPECIFIC GRAVITY	1.2 to 1.75 (Color related)
COVERAGE	160 to 110 ft ² / lbs / mil at 100% efficiency (Color related)
BAKING SCHEDULE	METAL TEMPERATURE (Formulation Related) 8-10 minutes at 280°F (138°C) Super low temperature cure 8-10 minutes at 320°F (160°C) Low temperature cure 2-6 Minutes at 400 (205°C) Fast Cure 7 minutes at 400°F (205°C) Regular cure 8+ minutes at 400F (205°C) Slow cure



ASK AN EXPERT

For more than 45 years, the Protech Group has been developing and manufacturing coatings, paints, and specialty materials. Through quality and innovation, we formulate the right mix to protect and enhance what matters most to our customers. Our coating experts are here to help you streamline the process, saving you time and money by providing the right coating advice for your next project.

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